

**12-MEMBERED RING ACROLIDE COMPOUND**

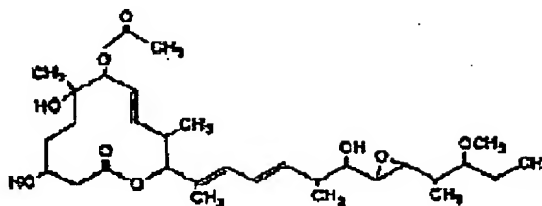
**Patent number:** JP4352783  
**Publication date:** 1992-12-07  
**Inventor:** MIZOGAMI KAZUTOSHI; others: 03  
**Applicant:** TAISHO PHARMACEUT CO LTD  
**Classification:**  
- international: C07D407/06; A61K31/335; C12P17/08  
- european:  
**Application number:** JP19910223760 19910527  
**Priority number(s):**

**Abstract of JP4352783**

**PURPOSE:**To provide the subject new compound having antitumor action.

**CONSTITUTION:**The compound of formula having the following physiological properties.

Aerobic; liquefaction of gelatin, positive; coagulation of defatted milk, negative; peptonization of defatted milk, positive; hydrolysis of starch, positive; formation of melanin-like pigment, negative; composition of menaquinone, MK-9 (H6, H8). It has the following physical and chemical properties. Appearance, white powder; melting point, 72-76 deg.C; mass analysis, EIMS spectrum m/Z 566(M<sup>+</sup>); molecular formula, C<sub>31</sub>H<sub>50</sub>O<sub>9</sub>; molecular weight, 566; specific rotation, [α]<sub>D</sub><sup>25</sup>=20.0 (C=0.1, methanol); solubility, easily soluble in methanol, chloroform, acetone and ethyl acetate, scarcely soluble in n-hexane, insoluble in water; etc. The compound of formula can be produced by culturing *Streptomyces hygroscopicus* A-9561 (FERM P-12223) under aerobic condition, extracting the culture liquid with acetone and extracting the extract with ethyl acetate.



Data supplied from the esp@cenet database - Patent Abstracts of Japan